Info-Hams Digest   Tue, 30 Aug 94   Volume 94 : Issue 979

Today's Topics:
                          5200 Crossband
     [Q] On how to program Cardinal sound card, article. where ?
                  Announcing two new mailing lists
                      best price for FT900??
          FCC Processing data point - new Tech (2 msgs)
                      Is the DX server ok?
                        learning CW
            New Yaesu FT900, any reports (2 msgs)
                Number of Call Signs (4 msgs)
                  Radio Shack mast (2 msgs)
                      SSTV Question
               WANTED: Old HP parts/equipment
        WTD: Repeater directory in ASCII (New England/NY)

In article <Jq1QOkc.anaylor@delphi.com> Andrew Naylor <anaylor@delphi.com> writes:
>Is there a process for getting the Yaesu 5200 into crossband mode?
>I figure so, but havent found a way.

Yup. Set up the freqs you want on both bands, set squelch, DTMF, etc., and
then turn the rig off. Hold down the "RPT" button and turn the rig back
on. Presto, you're there.

   -joe
--
"When personal freedom's being abused, | "In Canada we have something called
    you have to move to limit it." | multiculturalism - you will find the
                                      | whole spectrum of races living in
  - U.S. President Bill Clinton, 1994 | Toronto's slums."   -A Canadian

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Date: Tue, 30 Aug 1994 15:39:44 GMT
From: psinntp!arrl.org!jbloom@uunet.uu.net
Subject: [Q] On how to program Cardinal sound card, article. where ?
To: info-hams@ucsd.edu

ALFRED C WONG (cs902034@ariel.cs.yorku.ca) wrote:
: Hello world,

: Sometime ago, someone called Johan Forrer wrote an article in QEX , AUGUST 1994
: issue on how program Cardinal sound card...

: Right now, I have the SDK for that article, but I don't know where I can find
: a copy of that article.

: Can anyone help me out what is the long name of QEX and what is the publisher ?
: Or, can anyone send me a copy of that article thru mail or FAX ?

QEX is published by The American Radio Relay League, 225 Main Street,
Newington, CT 06111. For information about copies of articles or back
issues, you can write to that address or email: lweinberg@arrl.org
--
Jon Bloom KE3Z   jbloom@arrl.org

Date: Tue, 30 Aug 1994 14:29:25 GMT
From: netcomsv!netcom.com!n1ist@decwrl.dec.com
Subject: Announcing two new mailing lists
To: info-hams@ucsd.edu

        Announcing two new Ham-related mailing lists!

qrp-l: This is the qrp mailing list, previously maintained by Bruce
    Walker at Think.com. It is for discussions about the design,

construction, and use of qrp (low power) radios and related
        equipment.

    arrl-ve-list: This is a one-way list, run by Bart Jahnke of the ARRL
        VEC, for announcements to VEs and VE teams.

These two lists join the other ham radio related lists maintained here at
Netcom:

barc-list: Information, discussion and anouncements for the Boston Amateur
                    Radio Club and hams in Eastern Massachusetts.
w1aw-list: ARRL bulletins, news, and information
newsline-list: Redistribution of Amateur Radio Newsline
letter-list: Redistribution of the ARRL Letter
barc-races: RACES in Massachusetts and emergency management
fox-list: Fox hunting and Radio Direction Finding
ky1n-list: VE exams in New England
fieldorg-l: ARRL field organization discussions
ham-tech: Technical discussions and questions about Amateur Radio
arrl-exam-list: amateur radio license examinations scheduled in the US and
                    in some foreign areas.
arrl-nediv-list: bi-monthly bulletins from the ARRL NE Division director

These lists are automatically maintained by Majordomo. To sign up or
inquire about these lists, send mail to listserv@netcom.com with the
following in the body (subject is ignored) of the message. <listname>
is the name of the list to subscribe to.

   To subscribe: subscribe <listname>

   To unsubscribe: unsubscribe <listname>

   For more information: help

   To post (to the two-way lists), send your message to <listname>@netcom.com

Mail should be sent to listserv@netcom.com, not listserv@world.std.com.

Please keep your mailing address up to date. If your account is being
changed or shut down, please update majordomo. If your mail bounces for
'no such user' or 'no such machine', you will be removed from the lists.

These lists are sponsored by the Boston Amateur Radio Club.
If you have any questions, I can be reached at n1ist@netcom.com
For more information on the Boston ARC, subscribe to barc-list

73,

Michael L. Ardai N1IST
--
\|/   Michael L. Ardai   N1IST   Teradyne ATB, Boston MA
-*- --
/|\   ardai@maven.dnet.teradyne.com   n1ist@netcom.com

Date: 30 AUG 94 09:04:01
From: pa.dec.com!crl.dec.com!nntpd.lkg.dec.com!mrnews.mro.dec.com!
fccvde.enet.dec.com!klimasewski@decwrl.dec.com
Subject: best price for FT900??
To: info-hams@ucsd.edu

 I received a price of $1399 w/tuner + $60.00 for remote cable
 $100.00 less without tuner.

Can I buy this cheaper?

Ken

Date: 30 Aug 1994 14:05:11 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!
newsfeed.ksu.ksu.edu!moe.ksu.ksu.edu!wizard.uark.edu!comp!plaws@network.ucsd.edu
Subject: FCC Processing data point - new Tech
To: info-hams@ucsd.edu

My friend, Clendon, passed his test for Tech. He just got his license.
Here are the details:

Passed Exam: 5/21/94   (at Tulsa)
License issued: 8/20/94
License rec'd: 8/27/94

Total time: 98 days - 14 weeks to the day

He is now happily signing KC5JDO ...   :-)

(yes I gave him SuperMorse ... :)

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

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Date: Tue, 30 Aug 1994 10:54:47 -0500
From: agate!howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!
news1.oakland.edu!news.nd.edu!nimtziici.edmedia.nd.edu!user@ames.arpa
Subject: FCC Processing data point - new Tech
To: info-hams@ucsd.edu

Another new license data point,

My wife passed her tech exam July 15, 1994
her license was issued August 22, 1994
it was received by her August 27, 1994

A wait of approximately 6 weeks.

Now I am married to N9YHI.

N9TJG

 Rick Nimtz   INTERNET: Nimtz.1@nd.edu
 Chief Technician/LAN Administrator   FAX: +1 219 631 8777
 Educational Media   Voice: +1 219 631 8783
 University of Notre Dame,   B16 DeBartolo Hall, Notre Dame, IN 46556 USA

 Vanity of vanities, says the Teacher, vanity of vanities! All is vanity.
 What do people gain from all the toil at which they toil under the sun?
 A generation goes, and a generation comes, but the earth remains forever.
                                              Eccl. 1:2-4 (NSRV)

Date: 30 Aug 1994 16:23:41 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!
prairienet.org!tigger@network.ucsd.edu
Subject: Is the DX server ok?
To: info-hams@ucsd.edu

I haven't received anything from the DX server in about a week,
except for posts with no text whatsoever. They asre simply
addressed to "dx-request@unbc.edu" and are from "dx-redist@unbc.edu"
No text. Is the server down, or am I down? Any clues?
Thanks for the info.
--
Sean E. Kutzko   Amateur Radio: KF9PL
General Manager, WEFT 90.1 FM   DXCC: 288wkd/275cfmd
Champaign-Urbana, Illinois   Grid: EN50vc
Support your community radio station!

Date: Tue, 30 Aug 1994 16:36:11 GMT
From: psinntp!arrl.org!ehare@uunet.uu.net
Subject: learning CW
To: info-hams@ucsd.edu

Mark Monninger (rapw20@email.sps.mot.com) wrote:

: I dunno for sure, Derek, but my guess is that very few people actually use
: <CW> on the air. They learn it to pass the tests (which are sent in perfectly
: formed, non-QRM'ed fashion) and then don't use it. There are exceptions, of
: course.

: No flames, please...just making an observation with no value judgements
: attached.

Well, no flames intended, but this is certainly not my experience. Many of
the hams I talk to at club meetings, etc., use CW on the air; many do not.

According to a scientific survey conducted by the ARRL (performed by a
survey-research company, random samples, etc.), an overall 38% of hams use
CW on a regular basis. This date includes ARRL Members and Technicians, so
it is not weighted in any particular direction. While it is not a majority
of hams, it is not a number that I would characterize as "very few." I
suspect that your impression comes more from the informal data you gather
from the circle of hams you talk to on the air. If you don't operate CW, you
may find that your data are weighted more toward the no-code end. If I were
to survey my on-the-air contacts, I would find that they are 99% CW users,
but I don't even know where my microphone is. :-)

I am glad that there is room on the bands for all of us.

73, Ed
--
Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

Date: 30 Aug 1994 15:52:14 GMT
From: agate!cat.cis.Brown.EDU!adis-204.adis.brown.edu!user@ames.arpa
Subject: New Yaesu FT900, any reports
To: info-hams@ucsd.edu

In article <33t28g$gsh@gv-gate.gvg.tek.com>, randyh@gvgadg.gvg.tek.com
(Randy Hall) wrote:

> In article <33sper$ghp@mrnews.mro.dec.com>

klimasewski@fccvde.enet.dec.com (My name is...) writes:
> >
> >Is this new rig available? Any user comments?
> >
> >Ken
>
> How much?

Around $1300 US. Makes the thing look damned attractive when you compare
it with the Kenwood TS-50S.

--
== Tony Pelliccio, KD1NR   Tel: (401) 863-1880
== Box 1908, Providence, RI 02912   Fax: (401) 863-2269
== Opinions herein are mine and not those of my employer.

Date: Tue, 30 Aug 94 11:51:48 PDT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!cs.utexas.edu!convex!
news.onramp.net!usenet@network.ucsd.edu
Subject: New Yaesu FT900, any reports
To: info-hams@ucsd.edu

I bought one last weekend from Texas Towers for $1299 including tuner. Remote kit
is $59.

Works great! Looking for Mars mod.

-G

Date: 30 Aug 1994 13:59:13 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!
vixen.cso.uiuc.edu!newsfeed.ksu.ksu.edu!moe.ksu.ksu.edu!wizard.uark.edu!comp!
plaws@network.ucsd.edu
Subject: Number of Call Signs
To: info-hams@ucsd.edu

tdenny@bigcat.missouri.EDU (Thomas P. Denny) writes:

>1by1 calls: (4)(10)(26) = 1,040
>1by2 calls: (4)(10)(26)(26) = 27,040
>1by3 calls: (4)(10)(26)(26)(26) = 703,040

The point is made, but the math is off a little: The US only has the
AA-AL callsign block. Therefore, the 1by* calls should multiply by 3 not

4. Still, makes you wonder how they decide their "out of" callsigns ...

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

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Date: Tue, 30 Aug 1994 09:30:27 EDT
From: elroy.jpl.nasa.gov!swrinde!howland.reston.ans.net!news.cac.psu.edu!
news.pop.psu.edu!psuvax1!psuvm!n5x@ames.arpa
Subject: Number of Call Signs
To: info-hams@ucsd.edu

In article <Pine.3.89.9408300820.A5777-0100000@bigcat>,
tdenny@bigcat.missouri.EDU (Thomas P. Denny) says:

>OK, basic math quiz time -
>Everyone knows that the FCC says they've used up all the call
>signs of a certain type in some areas, i.e. the 1by3 calls in
>districts 0, 4, 5, 6, 7, & 8 and 2by2 Extra Class calls in
>Hawaii, Alaska, & Puerto Rico.
>I have seen articles on the history of call signs in the
>US, and how the FCC has allocated them and for what reasons
>over the years, however, I was wondering just how many call signs
>(that is, combinations of letters and numbers) does the FCC
>really have at its disposal. Therefore I humbly submit the
>following;

>1by1 calls: (4)(10)(26) = 1,040
>1by2 calls: (4)(10)(26)(26) = 27,040
>1by3 calls: (4)(10)(26)(26)(26) = 703,040
              ^
             ^   [more calculations deleted]
Should be a 3 here, U.S. doesn't have 1 by anything calls starting with
A.
                                        73's Jim KB3KJ

Date: 30 Aug 1994 13:51:01 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
vixen.cso.uiuc.edu!newsrelay.iastate.edu!news.iastate.edu!
wjturner@network.ucsd.edu
Subject: Number of Call Signs
To: info-hams@ucsd.edu

In article <Pine.3.89.9408300820.A5777-0100000@bigcat> tdenny@bigcat.missouri.EDU
(Thomas P. Denny) writes:

>I was wondering just how many call signs
>(that is, combinations of letters and numbers) does the FCC
>really have at its disposal. Therefore I humbly submit the
>following;

Just a few corrections, since we do not have all of the "A"s for
prefixes...

>1by1 calls: (4)(10)(26) = 1,040

actually: (3)(10)(26) = 780

I don't know how fair it is to count these, since the FCC has not ever
(I believe) issued them. Shouldn't matter too much since there are only
780 of them, anyway.

>1by2 calls: (4)(10)(26)(26) = 27,040

actually: (3)(10)(26)(26) = 20,280

>1by3 calls: (4)(10)(26)(26)(26) = 703,040

actually: (3)(10)(26)(26)(26) = 527,280

The rest are correct, I believe. (We only have AAA-ALZ, right?)

>2by1 calls: (3)(26)(10)(26) + (1)(12)(10)(26) = 23,400
>2by2 calls: (3)(26)(10)(26)(26) + (1)(12)(10)(26)(26) = 608,400
>2by3 calls:
>(3)(26)(10)(26)(26)(26) + (1)(12)(10)(26)(26)(26) = 15,818,400

So the total is now 16,998,540 with the 600,000 or so currently in use
being (still) about 3.5%.

Date: 30 Aug 1994 14:05:12 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!europa.eng.gtefsd.com!
news.umbc.edu!haven.umd.edu!cville-srv.wam.umd.edu!ham@network.ucsd.edu
Subject: Number of Call Signs
To: info-hams@ucsd.edu

>I have seen articles on the history of call signs in the
>US, and how the FCC has allocated them and for what reasons
>over the years, however, I was wondering just how many call signs
>(that is, combinations of letters and numbers) does the FCC
>really have at its disposal. Therefore I humbly submit the
>following;

>
These are incorrect:

>1by1 calls: (4)(10)(26) = 1,040
>1by2 calls: (4)(10)(26)(26) = 27,040
>1by3 calls: (4)(10)(26)(26)(26) = 703,040

These are correct:

>2by1 calls: (3)(26)(10)(26) + (1)(12)(10)(26) = 23,400
>2by2 calls: (3)(26)(10)(26)(26) + (1)(12)(10)(26)(26) = 608,400
>2by3 calls:
>(3)(26)(10)(26)(26)(26) + (1)(12)(10)(26)(26)(26) = 15,818,400
>
>Which gives a raw total of 17,181,320 (of which about 3.5% are in
>use currently (600,000)).

Actually, this doesn't QUITE work because only AA-AL are U.S.
prefixes. Ever wonder why a Novice who upgrades to Technician
puts a "/KT" after their sign, when all others are "AG, AA, AE?"

AG, AA, and AE are valid US prefixes. AT doesn't belong to the
US, but KT does.

W, N, and K calls:
1x1: 3 * 10 * 26 = 780
2x1: 3 * 26 * 10 * 26 = 20280
2x2: 3 * 26 * 10 * 26 * 26 = 527280
2x3: 3 * 26 * 10 * 26 * 26 * 26 = 13709280
1x2: 3 * 10 * 26 * 26 = 20280
1x3: 3 * 10 * 26 * 26 * 26 = 527280

A calls (ONLY AA-AL are allowed. A6 = Oman, AP = Pakistan, etc.)

2x1: 12 * 10 * 26 = 3120
2x2: 12 * 10 * 26 * 26 = 81120
2x3: 12 * 10 * 26 * 26 * 26 = 2109120

Summing up, we've got 16,998,450 minus the FUK, FUC, ASS, KKK,
and Q-signals. So there are are still well over 16 million
possible calls, and only 600,000 in use. Sorry, but evenually
everyone will have to receive at 2x3 call, as this is by far
the biggest pool. Hey, in the UK, they give "2E" calls to
their equivalent of "No-Code Tech"s.

--

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73,                                _____  _____     The
                                    \ /   Long   Original
Scott Rosenfeld  Amateur Radio NF3I  Burtonsville, MD    |   Live    $5.00
   WAC-CW/SSB  WAS  DXCC - 130 QSLed on dipoles _____| Dipoles! Antenna!
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Date: Tue, 30 Aug 94 09:04:30 PDT
From: agate!howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!
zip.eecs.umich.edu!yeshua.marcam.com!news.kei.com!ssd.intel.com!chnews!
news@ames.arpa
Subject: Radio Shack mast
To: info-hams@ucsd.edu

I have one, however I use it to support one end of my 40 meter dipole.
I personally don't feel it would support a full size tribander during
high winds or iceing.

Just my option, Tom WB7ASR...

In article <wildoneCvBn6A.5FH@netcom.com>, <wildone@netcom.com> writes:

> Has anyone used a Radio Shack 36' mast to mount a tribander?
> I've got an old high-gain with traps and would like it up cheep and easy.
> Any better ideas?
>

Date: Tue, 30 Aug 1994 17:13:50 GMT
From: newsgate.melpar.esys.com!melpar!phb@uunet.uu.net
Subject: Radio Shack mast
To: info-hams@ucsd.edu

Tom WB7ASR <tom_boza@ccm.hf.intel.com> writes:

>I have one, however I use it to support one end of my 40 meter dipole.
>I personally don't feel it would support a full size tribander during
>high winds or iceing.

>> Has anyone used a Radio Shack 36' mast to mount a tribander?
>> I've got an old high-gain with traps and would like it up cheep and easy.
>> Any better ideas?

     About 10 years ago I installed one of those hummers for my Dad,
WA4CVA (now a SK) with a Alliance U-100 TV rotator and a Cushcraft
"Jr. Boomer" for two meters. My brother helped with the installation,
and we had good solid footing for the mast, heavy screw-in anchors for

the guys, and (as I recall) three sets of guys installed "by the book."

    About a year after the installation, a heavy windstorm came up and
the antenna began to oscillate back and forth (partially because there
was no rotor brake on the TV rotator) and the resulting vibration caused
the top section to buckle and collapse, rendering the top portion of
the mast useless and severely damaging the antenna. Winds were about 50
MPH gusts, as I recall.

    The long and short of it is that I would not trust one of those
masts to carry anything other than a fixed, non-rotatable TV antenna
or a two-meter vertical. The extra weight of even a small rotator
at the top is too much if any appreciable wind side load develops.

    IMHO; others may disagree.   BTW, my brother had checked several
times to make sure the guys stayed properly tensioned, and my Dad
turned the antenna into the prevailing wind as the gusts increased,
but to no avail.

    73,

     Paul, K4MSG   pbock@melpar.esys.com

Date: Tue, 30 Aug 1994 15:37:32 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!europa.eng.gtefsd.com!
newsxfer.itd.umich.edu!zip.eecs.umich.edu!yeshua.marcam.com!
charnel.ecst.csuchico.edu!olivea!news.@ihnp4.ucsd.edu
Subject: SSTV Question
To: info-hams@ucsd.edu

I saw an ad from a company with a name something like Harlan
Software (sorry the ad is at home) offering a program to send
and receive SSTV using a PC with a Soundblaster card. Anyone
have any experience with this program? How does it perform and
does it provide the most commonly used SSTV modes?

Thanks and 73
John Siegel K4BNC
jas@hrollie.att.com
--
John Siegel
jas@hrolie.hr.att.com

Date: 30 Aug 1994 08:29:55 -0500

From: elroy.jpl.nasa.gov!swrinde!news.uh.edu!uuneo.neosoft.com!blkbox.COM!not-for-mail@ames.arpa
Subject: WANTED: Old HP parts/equipment
To: info-hams@ucsd.edu

This may seemt sound dumb, but what the heck is a HP113BR ?

Date: 29 Aug 1994 20:05:03 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: WTD: Repeater directory in ASCII (New England/NY)
To: info-hams@ucsd.edu

Does anyone have a repeater directory listing in ASCII or other common
database format? I am looking for the New England and NY areas.

Thanks! - Rob, N1NTE (email - RobB873302@aol.com)

End of Info-Hams Digest V94 #979
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